

# APPLIED MATHEMATICS AND COMPUTATION

## VOLUME 49

PAUL NELSON, D. L. SETH, AND R. VASUDEVAN An Integrodifferential Equation for the Two-Dimensional Reflection Kernel .....	1
AFAF A. S. ZACHROUT Asymptotic Behavior of Solutions of Competition in Gradostat with Two Limiting Complementary Substrates .....	19
DIANA YAKOWITZ An Exact Penalty Algorithm for Recourse-Constrained Stochastic Linear Programs .....	39
V. N. KRIUCHKOV AND M. SOLOMONOVICH Self-Sustained Oscillation in Economics .....	63
G. J. CHAITIN LISP Program-Size Complexity .....	79
E. N. CHUKWU, ROBERT G. UNDERWOOD, AND LOUIS D. KOVARI Global Constrained Null-Controllability of Nonlinear Neutral Systems .....	95
MOHAMED SULEIMAN AND SAIMAN BAOK Using Nonconvergence of Iteration to Partition ODEs .....	111
VLADIMÍR VEVERKA A Method of Reconciliation of Measured Data with Nonlinear Constraints .....	141
MAGDI S. MOSTAFA AND KHALED M. F. EL-SAYED Matrix-Geometric Solution of a Multiserver Queue with Markovian Group Arrivals and Coxian Servers .....	177

CHEN ZHENG AND HE PING Using Computers to Seek the Optimum Combination of Investment .....	197
A. M. A. EL-SAYED On the Fractional Differential Equations .....	205
V. REHBOCK, K. L. TEO, L. S. JENNINGS, AND C. S. LEE An Exact Penalty Function Approach to All-Time-Step Constrained Discrete-Time Optimal Control Problems .....	215
NORIO KONNO A Formalism of Multidimensional Living Systems Based on Nonstandard Analysis .....	231
A. R. M. EL-NAMOURY On the Finite Element Method for a Singular Problem .....	239
ZHAO-SHU FENG, YONG-QING LIU, AND FENG-WEI GUO Criteria for Practical Stability in the $p$ th Mean of Nonlinear Stochastic Systems .....	251
T. E. SIMOS An Explicit Almost $P$ -Stable Two-Step Method with Phase-Lag of Order Infinity for the Numerical Integration of Second-Order Periodic Initial-Value Problems .....	261
JOEL K. JOLAYEMI A Unified Approximation Scheme for the Convolution of Independent Binomial Variables .....	269
SHAO-MING WANG Spline Interpolations Over Type-2 Triangulations .....	299

